

# **A PERISTALTIC HOSE PUMP**

## **ABSTRACT**

**[0023]** The hose pump comprises an eccentric drive with numerous eccentric discs (21) fastened to a shaft (20). Each eccentric disc (21) drives a crank drive (24) having a connecting rod (25). At the end of the connecting rod (25), a pump finger (11) is borne for compressing a pump hose (10). A sealing diaphragm (27) is disposed between the eccentric drive and the pump hose (10) for preventing liquid from intruding into the interior of the housing (16). The connecting rod (25) sealingly passes through the sealing diaphragm (27). The sealing diaphragm (27) comprises lateral folds (31) so that it does not exert any substantial forces upon the crank drive (24). The hose pump has a low power consumption and permits a small structure.